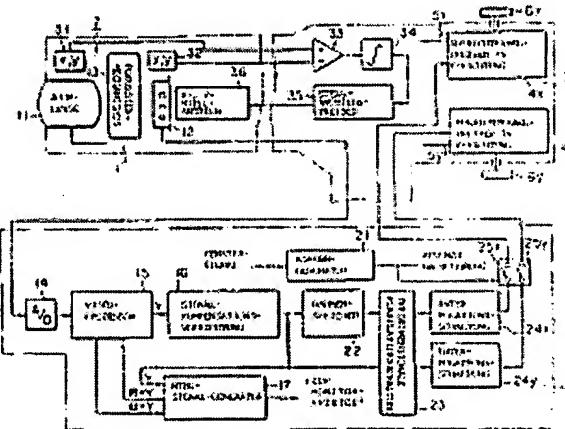


Image processing for endoscope field - has CCD camera output interpolated to determine X and Y position signals

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Inventor: NAGASAKI TATSUO (JP); KOMIYA YASUHIRO (JP)
Applicant: OLYMPUS OPTICAL CO (JP)
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[Report a data error here](#)**Abstract of DE4102196**

A endoscope used as part of an imaging system has a guide section (1), drive stage (2) and a processing unit (3). The drive section has X and Y axis drives (4x,4y) with adjusting knobs for use by an operator (6x,6y). An object is observed by the endoscope which has a lens (11), focussing unit (13) and CCD scanning sensors (12). The signals from the CCD sensor are converted into digital form (14) and processed by interpolators (24x,24y) to generate position control signals for the X and Y drives. ADVANTAGE - Allows section of object to be tracked by CCD camera.



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